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REVIEW OF APPLIED MYCOLOGY

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SUPPLEMENT 2

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Agaricus arvensis Fr. var. **palustris**
A. H. Smith in *Pap. Mich. Acad. Sci.*,
xxv, p. 117, 1939 (publ. 1940).—Michi-
gan, U.S.A.

— **ciscoensis** A. H. Smith in *Pap. Mich. Acad. Sci.*, xxv, p. 136, 1939 (publ. 1940).—Texas, U.S.A.

— **kauffmanii** A. H. Smith in *Pap. Mich. Acad. Sci.*, xxv, p. 126, 1939 (publ. 1940).—Maryland, U.S.A.

— **placomycetes** Peck var. **microsporus**
A. H. Smith in *Pap. Mich. Acad. Sci.*,
xxv, p. 125, 1939 (publ. 1940).—Califor-
nia, U.S.A.

* **Asporomyces uvae** Mrak & McClung in
J. Bact., xl, p. 402, 1940 on *Vitis*.—
California, U.S.A.

Atropellis arizonica Lohman & Cash in
J. Wash. Acad. Sci., xxx, p. 261, 1940
on *Pinus ponderosa*.—Arizona, U.S.A.

— **piniphila** (Weir) Lohman & Cash in
J. Wash. Acad. Sci., xxx, p. 260, 1940.
(Syn. *Cenangium piniphilum* Weir).

— **tingens** Lohman & Cash in *J. Wash. Acad. Sci.*, xxx, p. 257, 1940 on *Pinus rigida*.—Virginia, U.S.A.

* **Boletus aereus** Bull. var. **squarrosus**
De Rezende Pinto in *Brotéria*, ix (xxxvi),
p. 93, 1940.—Brazil.

BONINOHYDNUM S. Ito & Imai in
Trans. Sapporo nat. Hist. Soc., xvi,
p. 127, 1940.—Hydnaceae.

— **pini** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 127, 1940 on *Pinus luchuensis*.—Japan.

Camarops pugillus (Schw.) Shear in
Mycologia, xxxii, p. 549, 1940. (Syn.
Sphaeria pugillus Schw.).

Caryospora minima Jeffers in *Mycologia*,
xxxii, p. 561, 1940 on an old 'stone' of
Amygdalus persica.—Maryland, U.S.A.

CATENOPHORA Luttrell in *Mycologia*,
xxxii, p. 535, 1940.—Melanconiaceae.

— **pruni** Luttrell in *Mycologia*, xxxii,
p. 536, 1940 on *Prunus serrulata*.—
North Carolina, U.S.A.

Cercospora pittospori Plakidas in *My-
cologia*, xxxii, p. 608, 1940 on *Pitto-
sporum tobira*.—Louisiana, U.S.A.

Chromocreopsis microasca S. Ito &

Imai in *Trans. Sapporo nat. Hist. Soc.*,
xvi, p. 138, 1940 on wood.—Japan.

Cordyceps macularis (Mains) Mains in
Pap. Mich. Acad. Sci., xxv, p. 82, 1939
(publ. 1940). (Syn. *Ophiocordyceps
macularis* Mains).

— **paludosa** Mains in *Pap. Mich. Acad. Sci.*, xxv, p. 83, 1939 (publ. 1940) on
Lepidoptera.—Michigan, U.S.A.

* **Corticium album** Dastur [non Britzel-
mayr 1897, cf. Mundkur, *Current
Science*, ix, p. 285, 1940] in *Indian J.
agric. Sci.*, x, p. 92, 1940 on *Citrus
aurantium*.—India.

— **boninense** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 131, 1940
on wood.—Japan.

— **cyatheae** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 132, 1940
on *Cyathea boninsimensis*.—Japan.

Coryneum berckmanii Milbrath in *Phy-
topathology*, xxx, p. 594, 1940 on *Thuja
orientalis* and *Cupressus sempervirens*.—
Oregon and Washington, U.S.A.

CRYSTALLOCYSTIDIUM Rick in *Bro-
téria*, ix (xxxvi), p. 139, 1940.—Thel-
ephoraceae; first proposed as a subgenus
of *Stereum* in *Brotéria*, ix (xxxvi), p. 43,
1940.

— **albescens** Rick in *Brotéria*, ix (xxxvi),
p. 142, 1940 on bark.—Brazil.

— Rick var. **reticulata** Rick in *Bro-
téria*, ix (xxxvi), p. 142, 1940 on bark.—
Brazil.

— **albo-badium** Rick in *Brotéria*, ix
(xxxvi), p. 142, 1940 on bark.—Brazil.

— **albo-purpurascens** Rick in *Brotéria*,
ix (xxxvi), p. 140, 1940 on bark.—
Brazil.

— **entero-flavum** Rick in *Brotéria*, ix
(xxxvi), p. 141, 1940 on bark.—Brazil.

— **griseo-rubrum** Rick in *Brotéria*, ix
(xxxvi), p. 144, 1940 on bark.—Brazil.

— **intermedium** Rick in *Brotéria*, ix
(xxxvi), p. 140, 1940 on bark.—Brazil.

— **luteo-lividum** Rick in *Brotéria*, ix
(xxxvi), p. 141, 1940 on bark.—Brazil.

— **medicum** (Curr.) Rick in *Brotéria*, ix
(xxxvi), p. 142, 1940. [Syn. *Stereum
medicum* Currey].

— **parallelum** Rick in *Brotéria*, ix (xxxvi),
p. 140, 1940 on bark.—Brazil.

Crystallocystidium portentosum (Berk.) Rick in *Brotéria*, ix (xxxvi), p. 144, 1940. (Syn. *Corticium portentosum* Berk.).

— (Berk.) Rick var. **irregularis** Rick in *Brotéria*, ix (xxxvi), p. 144, 1940.—Brazil.

— (Berk.) Rick var. **reticulata** Rick in *Brotéria*, ix (xxxvi), p. 144, 1940.—Brazil.

— **retiruge** (Cooke) Rick in *Brotéria*, ix (xxxvi), p. 143, 1940. [Syn. *Stereum retiruge* Cooke].

— **sericeo-nitens** (Speg.) Rick in *Brotéria*, ix (xxxvi), p. 143, 1940. [Syn. *Stereum sericeo-nitens* Speg.].

— **subcrustosum** Rick in *Brotéria*, ix (xxxvi), p. 143, 1940 on bark.—Brazil.

— **tenuis** Rick in *Brotéria*, ix (xxxvi), p. 141, 1940 on bark.—Brazil.

— **triste** Rick in *Brotéria*, ix (xxxvi), p. 141, 1940 on bark.—Brazil.

— **variosum** Rick in *Brotéria*, ix (xxxvi), p. 143, 1940 on bark.—Brazil.

Cudonia grisea Mains in *Amer. J. Bot.*, xxvii, p. 322, 1940 on wood.—Washington State, U.S.A.

— **monticola** Mains in *Amer. J. Bot.*, xxvii, p. 322, 1940 on the ground.—Washington State, U.S.A.

umminiella standleyana Cummins in *Bull. Torrey bot. Cl.*, lxvii, p. 607, 1940 on *Berberis fascicularis*.—Guatemala.

Cyphella cyatheae S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 131, 1940 on *Cyathea boninsimensis*.—Japan.

Dacrymyces gangliiformis Brasfield in *Lloydia*, iii, p. 105, 1940 on *Pinus strobus*.—Massachusetts, U.S.A.

Dactylaria haptospora Drechsler in *Mycologia*, xxxii, p. 459, 1940 on nematodes.—Virginia, U.S.A., and Hawaii.

Dactylella doedycoides Drechsler in *Mycologia*, xxxii, p. 454, 1940 on nematodes.—Wisconsin, U.S.A.

Dendrothele alba Viegas in *Rodriguésia*, iv, 13, p. 286, 1940 on *Moquinia polymorpha*.—Brazil.

Elsinoe toddaliae (Syd.) Jenkins & Bitancourt in *Philipp. Agric.*, xxix, p. 55, 1940. (Syn. *Isotexis toddaliae* Syd.).

Entyloma polygoni-amphibii Săvul. in *Bull. Sect. sci. Acad. roum.*, xxii, p. 5, 1940 on *Polygonum amphibium*.—Rumania.

Fomes terminaliae S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 125, 1940 on *Terminalia catappa*.—Japan.

Fusarium orthoceras App. & Wollenw. var. **betae** (Stewart) Padwick in *Indian J. agric. Sci.*, x, p. 282, 1940. (Syn. *F. conglutinans* Wollenw. var. **betae** Stewart).

— App. & Wollenw. var. **callistephi** (Beach) Padwick in *Indian J. agric. Sci.*,

x, p. 283, 1940. (Syn. *F. conglutinans* var. **callistephi** Beach).

— App. & Wollenw. var. **ciceri** Padwick in *Indian J. agric. Sci.*, x, p. 283, 1940 on *Cicer arietinum*.—India.

— App. & Wollenw. var. **conglutinans** (Wollenw.) Padwick in *Indian J. agric. Sci.*, x, p. 282, 1940. (Syn. *F. conglutinans* Wollenw.).

Gloeocystidium boninensis S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 131, 1940 on wood.—Japan.

Gloniopsis watsonii Ristone in *J. Bot., Lond.*, lxxviii, p. 192, 1940 on bark.—England.

Gyrostroma austro-americanum Seeler in *J. Arnold Arbor.*, xxi, p. 447, 1940 on *Acacia*.—Argentina.

— **missouriense** Seeler in *J. Arnold Arbor.*, xxi, p. 441, 1940 on *Carya alba*.—Missouri, U.S.A.

GYROSTROMELLA Seeler in *J. Arnold Arbor.*, xxi, p. 433, 1940.—Subgenus of *Thyronectria*.

HAPTOGLOSSA Drechsler in *J. Wash. Acad. Sci.*, xxx, p. 246, 1940.—Phycomycetes.

— **heterospora** Drechsler in *J. Wash. Acad. Sci.*, xxx, p. 246, 1940 on nematodes.—Maryland, Virginia, and Wisconsin, U.S.A.

Hemileia buntingii Wakefield & Hansford apud Dade in *Kew Bull.*, 1940, p. 219 on *Strophanthus hispidus*.—Gold Coast Colony.

Heterochaete ogasawarasimensis S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 133, 1940 on *Elaeagnus rotundata*.—Japan.

Hexagona papyraceo-resupinata S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 123, 1940 on wood.—Japan.

Hymenochaete fomitoporioides S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 129, 1940 on wood.—Japan.

— **palmicola** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 129, 1940 on fallen dead palm bracts.—Japan.

— **pertenuis** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 130, 1940 on wood.—Japan.

Hypoxyton atromaculosum S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 136, 1940 on bark.—Japan.

— **fusconigrum** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 137, 1940 on bark.—Japan.

— **macroannulatum** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 137, 1940 on bark.—Japan.

Lachnum arundinariae Cash in *J. Wash. Acad. Sci.*, xxx, p. 301, 1940 on *Arundinaria tecta*.—Georgia, U.S.A.

Lactaria cognoscibilis Beardslee & Burlingham in *Mycologia*, xxxii, p. 578, 1940.—Florida, U.S.A.

— **floridana** Beardslee & Burlingham in

- Mycologia*, xxxii, p. 577, 1940.—Florida, U.S.A.
- **impercepta** Beardslee & Burlingham in *Mycologia*, xxxii, p. 582, 1940.—Florida, U.S.A.
 - **limacina** Beardslee & Burlingham in *Mycologia*, xxxii, p. 581, 1940.—Florida, U.S.A.
 - **paradoxa** Beardslee & Burlingham in *Mycologia*, xxxii, p. 586, 1940.—Florida, U.S.A.
 - **proximella** Beardslee & Burlingham in *Mycologia*, xxxii, p. 579, 1940.—Florida, U.S.A.
 - **pseudodeliciosa** Beardslee & Burlingham in *Mycologia*, xxxii, p. 584, 1940.—Florida, U.S.A.
- Lloydella alba** Rick (as *Lloydella alba*) in *Botrétia*, ix (xxxvi), p. 84, 1940 on wood.—Brazil.
- **berkeleyana** (Ces.) Rick (as *Lloydella berkeleyana*) in *Botrétia*, ix (xxxvi), p. 85, 1940. (Syn. *Stereum berkeleyanum* Ces.).
 - **carneo-olivacea** Rick (as *Lloydella carneo-olivacea*) in *Botrétia*, ix (xxxvi), p. 89, 1940 on wood and bark.—Brazil.
 - **cinereo-alba** Rick (as *Lloydella cinereo-alba*) in *Botrétia*, ix (xxxvi), p. 89, 1940 on wood.—Brazil.
 - **conspersa** Rick (as *Lloydella conspersa*) in *Botrétia*, ix (xxxvi), p. 89, 1940 on wood.—Brazil.
 - **cretacea** Rick (as *Lloydella cretacea*) in *Botrétia*, ix (xxxvi), p. 86, 1940 on wood.—Brazil.
 - **dissita** (Berk.) Rick (as *Lloydella dissita*) var. **griseo-cerea** Rick in *Botrétia*, ix (xxxvi), p. 87, 1940.—Brazil.
 - **durissima** Rick (as *Lloydella durissima*) in *Botrétia*, ix (xxxvi), p. 88, 1940 on wood.—Brazil.
 - **expallens** Rick (as *Lloydella expallens*) in *Botrétia*, ix (xxxvi), p. 90, 1940 on wood.—Brazil.
 - **japonica** (Yasuda) S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 132, 1940. (Syn. *Stereum japonicum* Yasuda).
 - **ochracea** Rick (as *Lloydella ochracea*) in *Botrétia*, ix (xxxvi), p. 90, 1940 on wood.—Brazil.
 - **okabei** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 132, 1940 on *Ochrosia nakaiana*.—Japan.
 - **stramineo-membranacea** Rick (as *Lloydella stramineo-membranacea*) in *Botrétia*, ix (xxxvi), p. 90, 1940 on wood.—Brazil.
 - **subalba** Rick (as *Lloydella subalba*) in *Botrétia*, ix (xxxvi), p. 87, 1940 on wood.—Brazil.
 - **subglabra** Rick (as *Lloydella subglabra*) in *Botrétia*, ix (xxxvi), p. 86, 1940 on wood.—Brazil.
- MERISTACRUM** Drechsler in *J. Wash. Acad. Sci.*, xxx, p. 250, 1940.—Entomophthoraceae.
- **asterospermum** Drechsler in *J. Wash. Acad. Sci.*, xxx, p. 251, 1940 on nematodes.—Wisconsin, U.S.A.
- Milesina chikugoensis** Hiratsuka f. in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 139, 1940 on *Cyrtomium fortunei*.—Japan.
- **miikensis** Hiratsuka f. in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 139, 1940 on *Phymatopsis hastata* (*Polypodium hastatum*).—Japan.
- Monilinia azaleae** Honey in *Phytopathology*, xxx, p. 537, 1940 on *Rhododendron roseum*.—New York, U.S.A.
- MUKAGOMYCES** Imai in *Proc. imp. Acad. Japan*, xvi, p. 154, 1940.—Tuberales.
- **hiromichii** Imai in *Proc. imp. Acad. Japan*, xvi, p. 154, 1940 forming mycorrhiza on *Populus nigra* and *Acer palmatum*.—Japan.
- Myriangium asterinosporum** (Ellis & Ev.) J. H. Miller in *Mycologia*, xxxii, p. 593, 1940. (Syn. *Cenangium asterinosporum* Ellis & Ev.).
- Ovularia asteris** Solheim in *Univ. Wyo. Publ.*, vii, p. 41, 1940 on *Aster engelmannii*.—Wyoming, U.S.A.
- Patella contradicta** Seaver in *Mycologia*, xxxii, p. 567, 1940 on soil.—New York, U.S.A.
- Peridermium montezumae** Cummins in *Bull. Torrey bot. Cl.*, lxvii, p. 613, 1940 on *Pinus montezumae*.—Guatemala.
- Pezicula grovesii** Wehmeyer in *Canad. J. Res.*, Sect. C, xviii, p. 543, 1940 on *Rhododendron canadense*.—Nova Scotia.
- Phacidium curtisii** (Berk. & Rav.) Luttrell in *Bull. Torrey bot. Cl.*, lxvii, p. 701, 1940. (Syn. *Rhytisma curtisii* Berk. & Rav.).
- Phaeangium magnisporum** Cash in *J. Wash. Acad. Sci.*, xxx, p. 304, 1940 in bark of *Betula nigra*.—Georgia, U.S.A.
- Phleospora osmorhizae** (Peck) House apud Solheim in *Univ. Wyo. Publ.*, vii, p. 40, 1940. (Syn. *Septoria osmorhizae* Peck).
- Phoma foveata** Foister in *Trans. bot. Soc. Edinb.*, xxxiii, p. 66, 1940 on tubers of *Solanum tuberosum*.—Britain.
- Phragmidium guatemalense** Cummins in *Bull. Torrey bot. Cl.*, lxvii, p. 609, 1940 on *Potentilla heterosepala*.—Guatemala.
- Phytophthora fragariae** Hickman in *J. Pomol.*, xviii, p. 103, 1940 in roots of *Fragaria*.—England and Scotland.
- **verrucosa** Alecock & Foister in *Trans. bot. Soc. Edinb.*, xxxiii, p. 65, 1940 in roots of *Lycopersicon esculentum* and *Meconopsis*.—Britain.
- Pistillaria oryzae** Remsberg in *Mycologia*, xxxii, p. 668, 1940 on *Oryza sativa*.—Louisiana, U.S.A.
- Polyporus calvatioides** Imazeki nom. nov. in *J. Jap. Bot.*, xvi, p. 269, 1940. (Syn. *Calvatia versispora* Lloyd, non *P. versispora* Lloyd).
- Polyporus hinoi** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 120, 1940 on wood.—Japan.

- Polyporus rhipidium** Berk. f. **pusillus** (Lév.) S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 121, 1940. (Syn. *Gloeoporus pusillus* Lév.).
- **schimae** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 121, 1940 on *Schima boninensis*.—Japan.
- **unitus** Pers. f. **pulchella** (Schw.) Baxter in *Pap. Mich. Acad. Sci.*, xxv, p. 155, 1939 (publ. 1940). (Syn. *P. pulchella* Schw.).
- Pers. f. **tenuis** (Schw.) Baxter in *Pap. Mich. Acad. Sci.*, xxv, p. 157, 1939 (publ. 1940). (Syn. *P. tenuis* Schw. p.p.).
- Polystictus grammocephalus** (Berk.) S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 121, 1940. (Syn. *Polyporus grammocephalus* Berk.).
- Poria ferox** Long & Baxter in *Pap. Mich. Acad. Sci.*, xxv, p. 149, 1939 (publ. 1940) on *Juniperus virginiana*.—Arkansas, U.S.A.
- Psalliota luzoniensis** (Graff) Mendoza & Leus-Palo in *Philipp. J. Sci.*, lxxii, p. 343, 1940. (Syn. *Agaricus luzoniensis* Graff).
- **merrillii** (Copel.) Mendoza & Leus-Palo in *Philipp. J. Sci.*, lxxii, p. 343, 1940. (Syn. *Agaricus merrillii* Copel.).
- **perfuscus** (Copel.) Mendoza & Leus-Palo in *Philipp. J. Sci.*, lxxii, p. 344, 1940. (Syn. *Agaricus perfuscus* Copel.).
- Puccinia capsicola** Kern & Thurston nom. nov. in *Mycologia*, xxxii, p. 625, 1940. (Syn. *Aecidium capsici* Kern & Whetzel. Non *P. capsici* Mayor).
- **cirsii-palustris** (Desm.) Wilson in *Trans. Brit. mycol. Soc.*, xxiv, p. 249, 1940. (Syn. *P. cirsiorum* Desm. var. *cirsii-palustris* Desm.).
- **hackeliae** Cummins in *Bull. Torrey bot. Cl.*, lxxvii, p. 610, 1940 on *Hackelia mexicana*.—Guatemala.
- **immensispora** Kern & Thurston in *Mycologia*, xxxii, p. 626, 1940 on *Diplostephium* (?).—Colombia.
- **liabicola** Kern & Thurston in *Mycologia*, xxxii, p. 626, 1940 on *Liabum*.—Colombia.
- **niveoides** Cummins in *Bull. Torrey bot. Cl.*, lxxvii, p. 611, 1940 on *Salvia cinnabarina*.—Guatemala.
- **obtectella** Cummins in *Bull. Torrey bot. Cl.*, lxxvii, p. 609, 1940 on *Scirpus americanus*.—Guatemala.
- **selini-carvifoliae** Sävul. in *Bull. Sect. sci. Acad. roum.*, xxii, p. 6, 1940 on *Selinum carvifolia*.—Rumania.
- Pycnopeziza pachyderma** (Rehm) Whetzel & White in *Mycologia*, xxxii, p. 617, 1940. (Syn. *Ciboria pachyderma* Rehm).
- **sejournei** (Boud.) Whetzel & White in *Mycologia*, xxxii, p. 616, 1940. (Syn. *Peziza sejournei* Boud.).
- Pyrenopeziza minuta** Cash in *J. Wash. Acad. Sci.*, xxx, p. 302, 1940 on *Tilia heterophylla* var. *michauxii*.—Georgia, U.S.A.
- **prinicola** (E. & E.) Cash in *J. Wash. Acad. Sci.*, xxx, p. 302, 1940. (Syn. *Mollisia prinicola* E. & E.).
- Ravenelia antiguana** Cummins in *Bull. Torrey bot. Cl.*, lxxvii, p. 608, 1940 on *Cassia biflora*.—Guatemala.
- Rhinotrichum depauperatum** Charles in *Mycologia*, xxxii, p. 540, 1940 on *Paratetranychus yotheri*.—Florida, U.S.A.
- Rhizopus sexualis** (G. Smith) Callen (Syn. *Mucor sexualis* G. Smith cited in *Ann. Bot.*, N.S., iv, p. 793, 1940). [cf. *R.A.M.*, Suppl. 1, p. 9].
- Rutstroemia macrosporus** (Peck) Kanouse apud Wehmeyer in *Canad. J. Res.*, Sect. C, xviii, p. 547, 1940. (Syn. *Helotium macrosporum* Peck).
- Septobasidium castaneum** Burt var. **draconianum** Viegas in *Bol. téc. Inst. agron., Campinas*, 73, p. 6, 1940 with insect on *Croton urucurana*.—Brazil.
- Septoria signalensis** Solheim in *Univ. Wyo. Publ.*, vii, p. 39, 1940 on *Symphoricarpos oreophilus*.—Wyoming, U.S.A.
- Shropshiria strumosa** (Cke) Ciferri apud Marchionatto in *Rev. argent. Agron.*, vii, p. 174, 1940. (Syn. *Ustilago strumosa* Cooke).
- Sphaeropeziza arundinariae** Cash in *J. Wash. Acad. Sci.*, xxx, p. 300, 1940 on *Arundinaria tecta*.—Georgia, U.S.A.
- Spicularia terrestris** Timonin in *Canad. J. Res.*, Sect. C, xviii, p. 315, 1940 in soil.—? Canada.
- STEREOASTEROSTROMELLA** Rick in *Broteria*, ix (xxxvi), p. 43, 1940.—Subgenus of *Stereum*.
- Stereofomes palmicola** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 128, 1940 on *Livistona chinensis*.—Japan.
- STEREOGLOEOCYSTIDIUM** Rick in *Broteria*, ix (xxxvi), p. 79, 1940.—Theleporaceae; first proposed as a subgenus of *Stereum* in *Broteria*, ix (xxxvi), p. 43, 1940.
- **albo-griseum** Rick in *Broteria*, ix (xxxvi), p. 83, 1940 on wood.—Brazil.
- **albo-verrucosum** Rick in *Broteria*, ix (xxxvi), p. 82, 1940 on wood.—Brazil.
- **avellaneum** Rick in *Broteria*, ix (xxxvi), p. 82, 1940 on wood.—Brazil.
- **cinereum** (Rick) Rick in *Broteria*, ix (xxxvi), p. 83, 1940. (Syn. *Gloeocystidium cinereum* Rick).
- **citrinum** Rick in *Broteria*, ix (xxxvi), p. 81, 1940 on wood.—Brazil.
- **gausapatum** Rick in *Broteria*, ix (xxxvi), p. 80, 1940 on wood.—Brazil.
- **lobato-plicatum** Rick in *Broteria*, ix (xxxvi), p. 79, 1940 on wood.—Brazil.
- **mirabile** (B. & Br.) Rick in *Broteria*, ix (xxxvi), p. 83, 1940. (Syn. *Radulum mirabile* B. & Br.).
- **radioso [radiato]-fissum** (B. & Br.) Rick in *Broteria*, ix (xxxvi), p. 81, 1940. [Syn. *Stereum radiato-fissum* B. & Br.).
- Stereogloeocystidium spadiceum** (Fr.) Rick in *Broteria*, ix (xxxvi), p. 82, 1940. [Syn. *Stereum spadiceum* Fr.].

- Stereogloeocystidium subflabellatum** Rick in *Brotéria*, ix (xxxvi), p. 79, 1940 on humus.—Brazil.
- **subsanguinolentum** Rick in *Brotéria*, ix (xxxvi), p. 80, 1940 on wood.—Brazil.
- **vibrans** (B. & C.) Rick in *Brotéria*, ix (xxxvi), p. 81, 1940. [Syn. *Stereum vibrans* B. & C.].
- Stereum metallicum** Rick in *Brotéria*, ix (xxxvi), p. 45, 1940 on wood.—Brazil.
- **obliquulum** S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 128, 1940 on wood.—Japan.
- **obliteratum** Rick in *Brotéria*, ix (xxxvi), p. 76, 1940 on wood.—Brazil.
- **tenuissimum** Rick in *Brotéria*, ix (xxxvi), p. 75, 1940 on wood.—Brazil.
- TEGILLUM** Mains in *Bull. Torrey bot. Cl.*, lxvii, p. 707, 1940.—Uredinales.
- **fimbriatum** Mains in *Bull. Torrey bot. Cl.*, lxvii, p. 707, 1940 on *Vitex* (? *gaumeri*).—British Honduras.
- Thyronectria antarctica** (Speg.) Seeler in *J. Arnold Arbor.*, xxi, p. 437, 1940. (Syn. *Pleonectria antarctica* Speg.).
- **austro-americana** (Speg.) Seeler in *J. Arnold Arbor.*, xxi, p. 405, 1940. (Syn. *Pleonectria austro-americana* Speg.).
- **balsamea** (Cooke & Peck) Seeler in *J. Arnold Arbor.*, xxi, p. 442, 1940. (Syn. *Nectria balsamea* Cooke & Peck).
- **chlorinella** (Cooke) Seeler in *J. Arnold Arbor.*, xxi, p. 444, 1940. (Syn. *Nectria chlorinella* Cooke).
- **coffeicola** (Zimm.) Seeler in *J. Arnold Arbor.*, xxi, p. 446, 1940. (Syn. *Pleonectria coffeicola* Zimm.).
- **lamyi** (Desm.) Seeler in *J. Arnold Arbor.*, xxi, p. 449, 1940. (Syn. *Sphaeria lamyi* Desm.).
- **loniceræ** Seeler in *J. Arnold Arbor.*, xxi, p. 450, 1940 on *Lonicera involucrata*.—Colorado, U.S.A.
- **pseudotrichia** (Schw.) Seeler in *J. Arnold Arbor.*, xxi, p. 438, 1940. (Syn. *Sphaeria pseudotrichia* Schw.).
- **rhodochlora** (Mont.) Seeler in *J. Arnold Arbor.*, xxi, p. 455, 1940. (Syn. *Sphaeria rhodochlora* Mont.).

- Thyronectria roseo-virens** (Berl. & Bres.) Seeler in *J. Arnold Arbor.*, xxi, p. 455, 1940. (Syn. *Mattirolia roseo-virens* Berl. & Bres.).
- ***Torulopsis californicus** Mrak & McClung in *J. Bact.*, xl, p. 401, 1940 on *Vitis*.—California, U.S.A.
- *— **fermentans** Mrak & McClung in *J. Bact.*, xl, p. 401, 1940 on *Vitis*.—California, U.S.A.
- Tremella boninensis** (Kobayasi) S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 133, 1940. (Syn. *Tremella samoensis* Lloyd var. *boninensis* Kobayasi).
- Trichoglossum octopartitum** Mains in *Amer. J. Bot.*, xxvii, p. 325, 1940 on the ground.—British Honduras.
- Tridentaria implicans** Drechsler in *Mycologia*, xxxii, p. 466, 1940 on nematodes.—Wisconsin, U.S.A.
- Truncocolumella occidentalis** (Malençon) Malençon & Zeller in *Mycologia*, xxxii, p. 682, 1940. (Syn. *Dodgea occidentalis* Malençon).
- Tympanis acericola** Groves apud Wehmeyer in *Canad. J. Res.*, Sect. C, xviii, p. 544, 1940 on *Acer spicatum*.—Nova Scotia.
- Uncinula jaborosae** Seaver in *Mycologia*, xxxii, p. 651, 1940 on *Jaborosa integrifolia*.—Greenhouse of the New York Botanical Garden, U.S.A.
- Uredo antiguensis** Cummins in *Bull. Torrey bot. Cl.*, lxvii, p. 613, 1940 on *Acalypha guatemalensis*.—Guatemala.
- Uromyces antiguanus** Cummins in *Bull. Torrey bot. Cl.*, lxvii, p. 612, 1940 on *Desmodium orbiculare*.—Guatemala.
- Ustilaginoides strumosa** (Cke) Ciferri apud Marchionatto in *Rev. argent. Agron.*, vii, p. 174, 1940. (Syn. *Ustilago strumosa* Cooke).
- Xylaria globosa** (Spreng. ex Fr.) S. Ito & Imai in *Trans. Sapporo nat. Hist. Soc.*, xvi, p. 134, 1940. (Syn. *Sphaeria globosa* Spreng. ex Fr.).

HOST INDEX

For Angiosperms, Gymnosperms, and Pteridophytes see under families, for animal hosts see under Insecta and Invertebrata other than Insecta.

ACERACEAE

- Acer palmatum*
Mukagomyces hiromichii
Acer spicatum
Tympanis acericola

APOCYNACEAE

- Ochrosia nakaiana*
Lloydella okabei
Strophanthus hispidus
Hemileia buntingii

BERBERIDACEAE

- Berberis fascicularis*
Cumminsiiella standleyana

BETULACEAE

- Betula nigra*
Phaeangium magnisporum

BORAGINACEAE

- Hackelia mexicana*
Puccinia hackeliae

CAPRIFOLIACEAE

- Lonicera involucrata*
Thyronectria lonicerae
Symphoricarpos oreophilus
Septoria signalensis

COMBRETACEAE

- Terminalia catappa*
Fomes terminaliae

COMPOSITAE

- Aster engelmannii*
Ovularia asteris
Diplostephium
Puccinia immensispora
Liabum
Puccinia liabicola
Moquinia polymorpha
Dendrothele alba

CYATHEACEAE

- Cyathea boninsimensis*
Corticium cyatheae
Cyphella cyatheae

CYPERACEAE

- Scirpus americanus*
Puccinia obiectella

ELEAGNACEAE

- Elaeagnus rotundata*
Heterochaete ogasawarasimensis

ERICACEAE

- Rhododendron*
Monilinia azaleae
Rhododendron canadense
Pezicula grovesii

EUPHORBIACEAE

- Acalypha guatemalensis*
Uredo antiguensis
Croton urucurana
Septobasidium castaneum

GRAMINEAE

- Arundinaria tecta*
Lachnum arundinariae
Sphaeropezia arundinariae
Oryza sativa
Pistillaria oryzae

INSECTA

- Lepidoptera*
Cordyceps paludosa

INVERTEBRATA (other than Insecta)

- Nematodes*
Dactylaria haptospora
Dactylella doedyoides
Haptoglossa heterospora
Meristacrum asterospermum
Tridentaria implicans
Paratetranychus yothersi
Rhinotrichum depauperatum

JUGLANDACEAE

- Carya alba*
Gyrostroma missouriense

LABIATAE

- Salvia cinnabarina*
Puccinia niveoides

LEGUMINOSAE

- Acacia*
Gyrostroma austro-americanum

LEGUMINOSAE (cont.)

- Cassia biflora*
Ravenelia antiquana
Cicer arietinum
Fusarium orthoceras var. *ciceri*
Desmodium orbiculare
Uromyces antiquanus

PALMAE

- Livistona chinensis*
Stereofomes palmicola

PAPAVERACEAE

- Meconopsis*
Phytophthora verrucosa

PINACEAE

- Cupressus sempervirens*
Coryneum berckmanii
Juniperus virginiana
Poria ferox
Pinus luchuensis
Boninohydnum pini
Pinus montezumae
Peridermium montezumae
Pinus ponderosa
Atropellis arizonica
Pinus rigida
Atropellis tingens
Pinus strobus
Dacrymyces gangliiformis
Thuja orientalis
Coryneum berckmanii

PITTIOSPORACEAE

- Pittosporum tobira*
Cercospora pittospori

POLYGONACEAE

- Polygonum amphibium*
Entyloma polygoni-amphibii

POLYPODIACEAE

- Cyrtomium fortunei*
Milesina chikugoensis
Phymatopsis hastata
Milesina miikensis

ROSACEAE

- Amygdalus persica*
Caryospora minima
Fragaria
Phytophthora fragariae
Potentilla heterosepala
Phragmidium guatemalense
Prunus serrulata
Catenophora pruni

RUTACEAE

- Citrus aurantium*
Corticium album

SALICACEAE

- Populus nigra*
Mukagomyces hiromichii

SOLANACEAE

- Jaborosa integrifolia*
Uncinula jaborosae
Lycopersicum esculentum
Phytophthora verrucosa
Solanum tuberosum
Phoma foveata

THEACEAE

- Schima boninensis*
Polyporus schimae

TILIACEAE

Tilia heterophylla var. *michauxii*
Pyrenopeziza minuta

UMBELLIFERAE

Selinum carvifolia
Puccinia selini-carvifoliae

VERBENACEAE

Vitex (? *gaumeri*)
Tegillum fimbriatum

VITACEAE

Vitis
Asporomyces uvae
Torulopsis californicus
Torulopsis fermentans

